

PATENT ABSTRACTS OF JAPAN

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(71) Applicant : CANON INC

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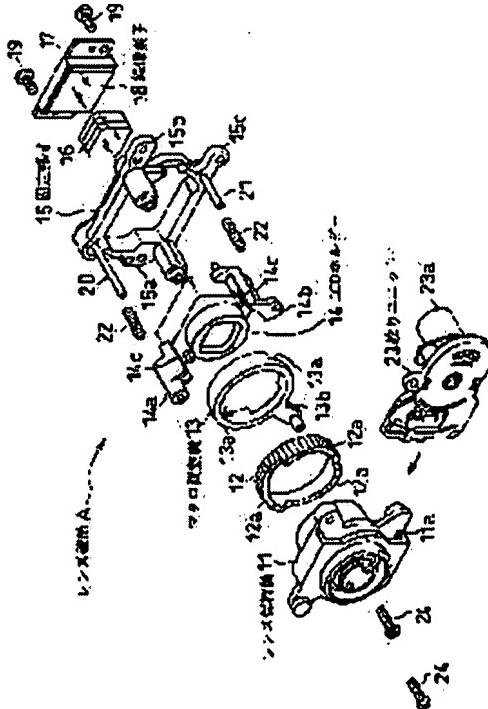
(72) Inventor : TSUZUKI MASAHIKO

(54) LENS-BARREL

(57) Abstract:

PROBLEM TO BE SOLVED: To reduce the space required as a lens-barrel to make miniaturizable a camera.

SOLUTION: An image picking-up element 18 serving as an imaging face is fixed to a CCD holder 14 movable longitudinally along guide bars 20, 21 by connecting a lens holding tube 11 for holding a photographing lens and a frame-shaped fixing member 15 having camera fixing parts by the guide bars 20, 21, and by setting a coil spring 22 between the lens holding tube 11 and the fixing member 15 to conduct energization, the CCD holder 14 is moved longitudinally by turning a macro-adjust ring 13 interposed between the lens holding tube 11 and the CCD holder 14 so as to conduct manual macro-focus- adjustment, and a front face of the lens holding tube 11 constitutes one portion for camera facing at the time of camera setting.



LEGAL STATUS

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